

## ABSTRACT OF THE DISCLOSURE

The present invention provides a dynamo-electric machine that prevents the lead portions of the coil portions disposed at places, at which mechanical balance is provided, from intersecting each other, that enhances the workability in manufacturing the wiring by wiring a conductor, and that suppresses the defective insulation of the winding. This dynamo-electric machine for use in an electric power steering system has a yoke,  $n$  (incidentally, " $n$ " is a common divisor of the number of the magnetic poles and the number of the slots and equal to or more than 2) of the coil portions are parallel-connected between the segments. Moreover, the coil portions are disposed in such a manner as to be symmetrical with respect to a mechanical angle of 360 degrees. Lead parts of the coil portions other than one of the coil portions, which is nearest in a circumferential direction to each of the segments, are drawn therefrom in the same circumferential direction.

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